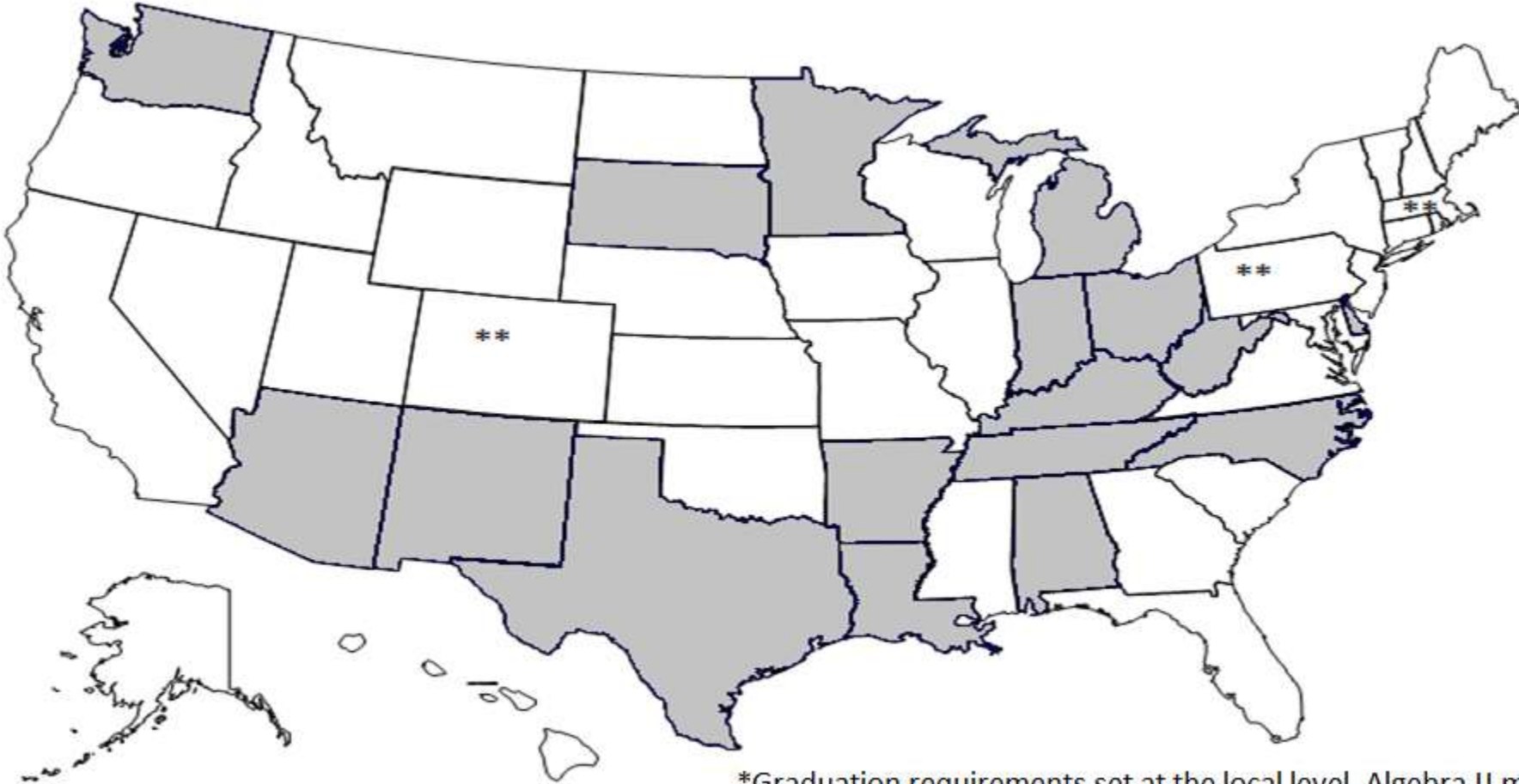


# Diploma Options

(Mandatory math classes in various states across the country)

\*All credits have been adjusted to mirror how Indiana awards credits

# States with an Algebra II or Higher Graduation Requirement



\*Graduation requirements set at the local level. Algebra II may be required in some districts.

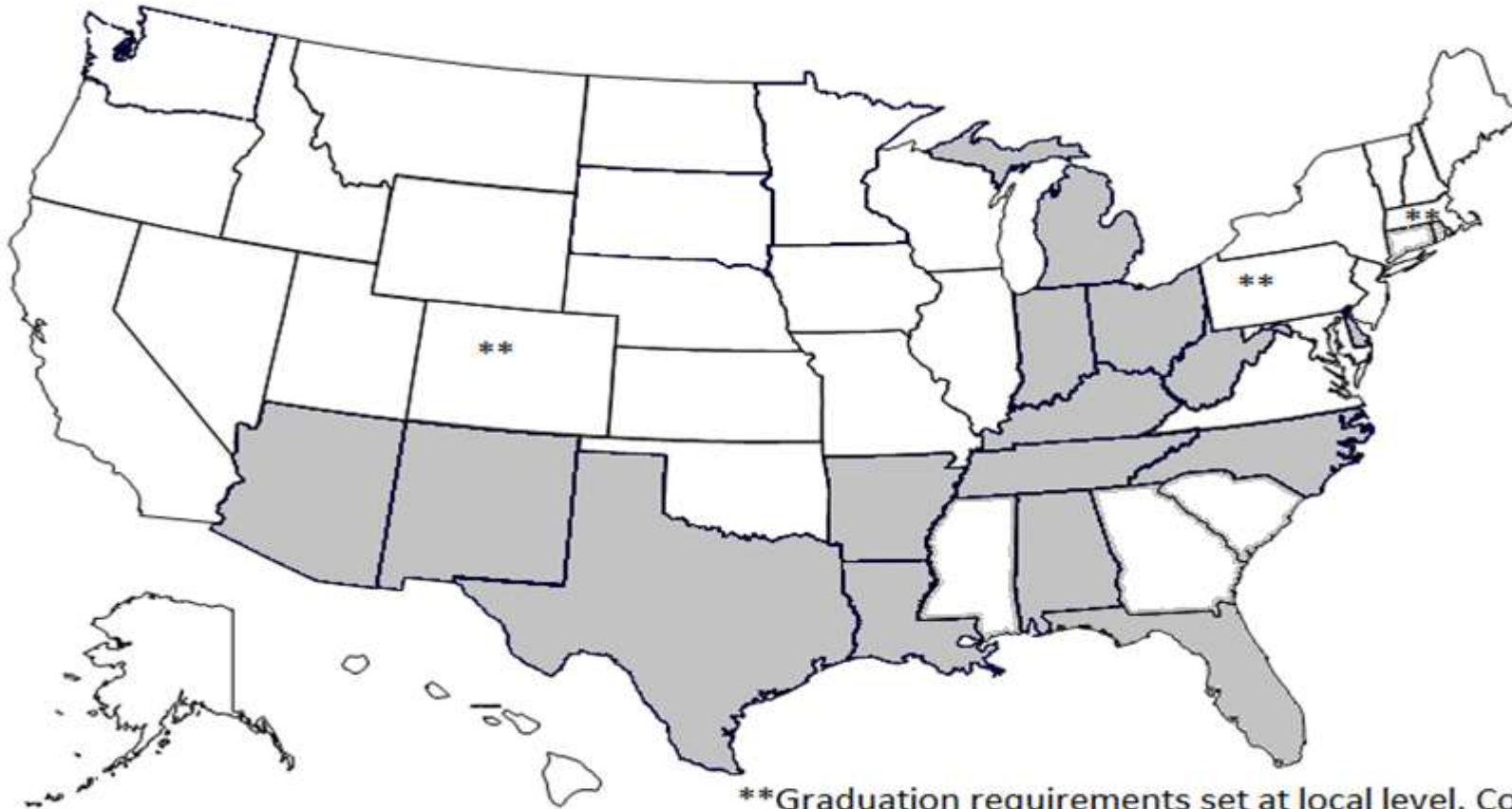
# States with a 4 Year Math Requirement



**\*\*Graduation requirements are set at the local level, so some may require 4 years while other don't.**

**\*\*Graduation requirements are set at the local level, so some may require 4 years while other don't.**

# Correlation Between Algebra II and 4 Year Requirement



\*\*Graduation requirements set at local level. Could possibly have 4th year requirement and Algebra II requirement.

- \* \*Indiana and Kentucky only require 3 years of credit, but a course in the 4<sup>th</sup> year.

# Indiana Diploma Content

Content	General	Core 40	Core 40 (Academic)	Core 40 (Technical)
English	8	8	8	8
Math	4*	6*	8*	6*
Science	4	6	6	6
Social Studies	4	6	6	6
Directed Electives (Language, Fine Arts, CTE)	11 (6 CTE)	5	8-10	11 (6 CTE)
PE	2	2	2	2
Health	1	1	1	1
Electives	5	6	8	7
Total	40	40	47	47

\*General diploma students are required to earn 2 credits in a Math or Quantitative Reasoning course their junior or senior year.

\*\*Students must take a Math or Quantitative Reasoning course all 4 years of high school.

# Indiana Math Graduation Requirements by Diploma Type

Diploma Type	Credits	Minimum Class
General	4*	Algebra I
Core 40	6*	Algebra II
Core 40 Technical Honors	6*	Algebra II
Core 40 Academic Honors	8*	Algebra II

\*A math or QR course must be taken in junior or senior year.

\*\*A math or quantitative reasoning course must be taken all 4 years.

# Georgia Math Graduation Requirements by Diploma Type

Diploma Type	Credits	Minimum Class
General	8	Advanced Algebra
College and Technical Honors	8	Advanced Algebra
SWD	6	*

- \* \*As determined by IEP.
- \*\*Georgia also has a high school certificate that can be awarded to students that have earned 23 credits, but not pass state assessments. (Credits in Georgia are based upon a year basis, not semester as in Indiana)



# Kentucky Math Graduation Requirements by Diploma Type

Diploma Type	Credits	Minimum Class
General	6*	Algebra II
Pre-College	6*	Algebra II

- \* \*Must take a math or QR course all four years (pre-algebra does not count as one of the courses).
- \*\*May substitute a QR course for one of the 3 required math classes if it prepares a student for a career path based upon Individual Learning Plan.
- \*\*\*If a student does not score a 19 or higher on the ACT, he/she is required to take a transitional course tailored to individual college readiness needs. This course may be embedded in another math course.



# Maryland Math Graduation Requirements by Diploma Type

- \* Maryland has one diploma for all students.

Diploma Type	Credits	Minimum Class
General	6	Geometry
SWD	*	*

- \* \*Student with Disability Certificate requires that 6 different eligibility requirements be met.

# Minnesota Math Graduation Requirement by Diploma Type

- \* Minnesota has one diploma for all.

Diploma Type	Credits	Minimum Class
General	6	*Algebra II

- \* \*Students must take Algebra I in 8<sup>th</sup> grade.

# Nevada Math Graduation Requirements by Diploma Type

Diploma Type	Credits	Minimum Class
General	6	4 credits beyond Algebra I
Advanced	8	Algebra II

# Virginia Math Graduation Requirement by Diploma Type

Diploma Type	Credits	Minimum Class
General	6	*Geometry or Algebra II
Advanced	8	Algebra II
Modified	6	Geometry + Finance/Stats

- \* Requires a student to earn include at least two courses of Algebra, Geometry, and Algebra II
- \*\* Virginia has additional seals that can be awarded to diplomas: 4 for General, 5 for Advanced, 1 for Modified.

# Massachusetts Math Graduation Requirements (MassCore)

- \* Specific graduation requirements are controlled at the local level. However, many districts across the state are adopting MassCore which is featured. Some districts require 6 credits, some require only 4.

Diploma Type	Credits	Minimum Class
MassCore	8	Algebra II

# Alabama Math Graduation Requirements by Diploma Type

- \* Alabama only has one diploma option.

Diploma Type	Credits	Minimum Class
General	8	Algebra II

# PSAT Mean Score Comparison 2013-2014

State	Indiana	Kentucky	Georgia	Maryland	Minnesota	Nevada	Virginia	Massachusetts	Alabama
Mean Score	48.8	51.3	49.5	47.3	53.8	48.8	48.3	50.7	49.2

- \* US Mean: 48.6
- \* Midwest (ND, SD, NE, KS, MN, IA, WI, MO, IL, MI, IN, OH, WV) Mean: 51.6
- \* Indiana is only ahead of West Virginia when looking at the Midwest region
- \* “Unless students earn scores that are much lower than average, they’re probably developing the kinds of critical reading, math reasoning, and writing skills needed for academic success in college.” – College Board website on PSAT mean scores



# A look at Indiana College Remediation Rates (2012 high school graduates)

## \* Remediation by diploma type

Diploma Type	# Enrolled in IN Public College	# Needing Remediation	% Needing Remediation
General	2553	1987	78
Core 40	17119	6552	38
Honors	14040	946	7
Total	33712	9485	28

## \* Remediation by subject area

Subject	# Enrolled in Remediation Class	# Earning Remedial Credits	% Earning Remedial Credits
Math Only	5045	3831	76
English	1297	912	70
Both	3143	1907	61
Total	9485	6650	70